



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|---|------------------------|----------------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/637,105 |
| | Filing Date | August 8, 2003 |
| | First Named Inventor | Ting-Chu Ko et al. |
| | Art Unit | 2815 |
| | Examiner Name | Matthew E. Warren |
| Total Number of Pages in This Submission | Attorney Docket Number | N1280-00055(TSMC2002-0854) |

| ENCLOSURES (Check all that apply) | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt postcard |
| Remarks Response to Restriction Requirement; Petition for Extension of Time | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm or Individual name | Howard Chen, Reg. No. 46,615 for Duane Morris LLP |
| Signature | |
| Date | 11/11/04 |

| CERTIFICATE OF TRANSMISSION/MAILING | |
|--|------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. <i>Erre</i> ER 492 869 167 US | |
| Typed or printed name | Patricia Wiggins |
| Signature | |
| Date | 11-12-2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



11-15-04

ATTORNEY DOCKET NO. N1280-00055
Client Ref. No.: [TSMC2002-0854]

IFW
\$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: **Ting-Chu Ko et al.**
Serial No.: **10/637,105**
Filing Date: **August 8, 2003**
Examiner: **Matthew E. Warren**
Group Art Unit: **2815** Confirmation No.: **5068**
Title: **LOW RESISTANCE AND RELIABLE COPPER INTERCONNECTS BY
VARIABLE DOPING**

EXPRESS MAIL ER 492869167 US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE TO RESTRICTION REQUIREMENT

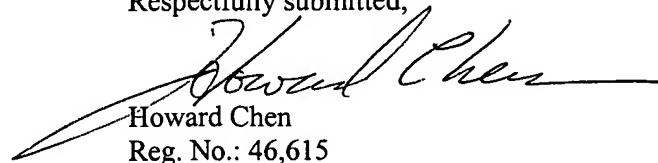
This is responsive to the restriction requirement communicated by the Examiner via Office Action dated October 5, 2004.

The Examiner requires election between Group I, claims 1-5, 16-20, drawn to a semiconductor device, classified in class 257, and subclass 758, and Group II, claims 6-15, drawn to a method of making a semiconductor, classified in class 438, subclass 1+.

Applicants hereby elect **Group II**, Claims 6-15. This election is made without prejudice.

The Assistant Commissioner for Patents is hereby authorized to charge any additional fees or credit any excess payment which may be associated with this communication to our deposit account **04-1679**.

Respectfully submitted,


Howard Chen
Reg. No.: 46,615

Date: November 11, 2004

DUANE MORRIS LLP
One Market, Spear Tower, Suite 2000
San Francisco, CA 94105-1104
(415) 371-2200 (Telephone)
(415) 371-2201 (Fax)